FROLOV, Nikolay Adrianovich; VAYNBERG, M.M., prof., retsenzent;
NEMTSOVA, L.G., red.; GOLOVKO, B.N., tekhn.red.

[Course of mathematical analysis] Kurs matematicheskogo
analiza. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.
RSFSR. Pt.2. [Textbook for physicomathematical departments
of pedagogical institutes] Posobie dlia fiziko-matematicheskikh
fakul'tetov.pedagogicheskikh institutov. 1959. 350 p. (MIRA 12:8)
        (Mathematics--Study and teaching)

16(1)

AUTHORS: Vaynberg, M.M., Shragin, I.V.   SOV/20-128-1-1/58

TITLE: Nonlinear Operators and Hammerstein Equations in Orlicz
            Spaces

PERIODICAL: Doklady Akademii nauk SSSR,1959,Vol 128,Nr 1,pp 9-12 (USSR)

ABSTRACT: The authors prove new existence and uniqueness theorems for
            the nonlinear equation

$$(1) \qquad u(x) = \int_B K(x,y)g(u(y),y)dy = \Gamma u \quad ,$$

as well as existence theorems for eigenfunctions of the
Hammerstein operator Γ in Orlicz spaces. The most essential
difference from the known results in this direction consists
in the fact that the complete continuity of the linear in-
tegral operator A

$$(2) \qquad A = \int_B K(x,y)v(y)dy$$

is not demanded. The Orlicz spaces are introduced about
according to Zaanen, whereby former results of the authors

Card 1/2

Nonlinear Operators and Hammerstein Equations   SOV/20-128-1-1/58
in Orlicz Spaces

and of others [Ref 6 - 10,12] are used. Six theorems are given.

There are 12 references, 7 of which are Soviet, 3 Polish, 1 American, and 1 Dutch.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K. Krupskoy (Moscow Regional Pedagogical Institute imeni N.K. Krupskaya)

Kostromskoy gosudarstvennyy pedagogicheskiy institut imeni N.A. Nekrasova (Kostroma State Pedagogical Institute imeni N.A. Nekrasov)

PRESENTED: May 12,1959, by S.L. Sobolev, Academician

SUBMITTED: May 11, 1959

Card 2/2

1

68138

16(1)

AUTHORS: Vaynberg, M.M., Kachurovskiy, R.I.   SOV/20-129-6-1/69

TITLE: On the Variation Theory of Non-Linear Operators and Equations

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 129, Nr 6,
             pp 1199 -1202 (USSR)

ABSTRACT: Let A be a linear integral operator $Av = \int_D K(x,y)v(y)dy$,

of

$h\ u = g(u(x),x)$ the Nemytskiy operator and $\Gamma = Ah$ the operator of
Hammerstein. The kernel $K(x,y)$ is assumed to be symmetric. Let

$K_i(x,y) = K(x + \dfrac{i-1}{n}, y + \dfrac{y-1}{n})$ for $0 \leqslant x, y \leqslant \dfrac{1}{n}$ $(i, = 1,2,\ldots n;$

$n \cdot 2)$ and the operator A_i is assumed to be defined by $A_i\ v =$

$= \int_0^{1/n} K_i(x,y)v(y)dy$. Let A, if for a certain n all the

A_i are self-adjoint and positive in L^2. Let the real function
$g(u,x)$ be defined for $u \in (-\infty, \infty)$, x $0,1$ and be con-
tinuous in u and measurable in x in D 0 x, y 1 : A is

Card 1/4

On the Variation Theory of Non-Linear Operators
and Equations

assumed to be completely continuous from L^q in L^p (p 2,
$p^{-1} + q^{-1} = 1$).

Theorem 1: Let $g(u,x) \sim a(x) + b \cdot u^{p-1}$, $2 \int_0^u g(v,x)dv$

$\leq a_1 u^2 + b_1(x) u^{\backslash} + c(x)$, where $a(x)$ L^q ; b 0; a_1 n^{-1} ,

$\wedge$ small characteristic number of the A_{1} ; $b_1(x)$ L ,

$\gamma = \frac{2}{2-\kappa}$, $0 \sim 2$, $c(x)$ L^1 . Then $u = \bar{\ } u$ has at least

one solution in L^p .
Theorem 2 contains the same statement for the system $u_i(x) =$

$\sum_{i=1}^{n} \int_D K_i(x,y)g(u_1(y),u_2(y),\ldots,u_n(y),y)dy$ with

Card 2/4

On the Variation Theory of Non-Linear Operators   SOV/20-129-6-1/69
and Equations

$$g_{\nu}(u_1,\ldots,u_n,y) = \frac{\partial}{\partial u_{\nu}} G(u_1,\ldots,u_n,y) \, .$$

Theorem 3 gives conditions for the existence of at least one
bounded solution of the equation $u = \Gamma u$.
Three further theorems deal with the eigenfunctions of Γ ,
e.g. Theorem 5: Let $|g(u,x)| \leq a(x) + b|u|^{p-1}$ where $a(x) \in L^q$,
$b > 0$, $g(0,x) = 0$. Then there exists a continuum of eigen-
functions of the operator Γ , which belong to L^p and the
norms of which are smaller than an arbitrary positive number.

The last theorem deals with the varational principle for the
existence of a fixed point :
Theorem 7: Let the potential operator $F(x)$ given in the re-
flexive Banach space E satisfy the conditions :
$(F(x+y) - F(x),y) \geqslant 0, (F(x_0 + y) - F(x_0),y) \geqslant \|y\| \chi(\|y\|)$,
where x_0, $y \in E$, x_0 fixed vector, x,y arbitrary vectors,
$\chi(t) > 0$ for $t > 0$ and $\lim\limits_{R \to \infty} \int_0^1 \chi(tR)dt = +\infty$. A unique

Card 3/4

68138

On the Variation Theory of Non-Linear Operators   SOV/20-129-6-1/69
and Equations

        solution of the equation $F(x) = 0$ then exists in E.
        There are 3 Soviet references.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K.
        Krupskoy (Moscow Regional Pedagogical Institute imeni N.K.
        Krupskaya)

PRESENTED: August 28, 1959, by S.L. Sobolev, Academician
SUBMITTED: August 28, 1959

Card 4/4

T6(T) 16, 1600

AUTHOR: Vaynberg, M.M.

67958

SOV/20-130-1-1/69

TITLE: On the Convergence of the Method of Steepest Descent for
            Nonlinear Equations

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 130, Nr 1, pp 9-12 (USSR)

ABSTRACT: Let E be a Banach space and E^* the conjugate space; let (y,x)
            denote the value of the linear functional $y \in E^*$ on the vector
            $x \in E$.
            Theorem 1: Let the potential operator $F(x)$ differentiable
            according to Gataux (compare $\lfloor$ Ref 9$\rfloor$) be defined and let it
            satisfy the condition

            (4) $\|h\| \gamma(\|h\|) \leqslant (F'(x)h,h) \leqslant M(\|x\|)\|h\|^2,$

            where $\gamma(t)$ is an increasing function, $\gamma(0) = 0$, $\lim\limits_{t \to \infty} \gamma(t) = +\infty$,

            and A is a linearly bounded operator of E^* with respect to E
            which satisfies the condition

            (2) $(y,Ay) \geqslant \|y\|^2,$ $y \in E^*.$
            Then the equation
            (3) $F(x) = 0$
            has a unique solution in E. The process of iteration

Card 1/2

67928

On the Convergence of the Method of Steepest   SOV/20-130-1-1/69
Descent for Nonlinear Equations

$$(1) \quad x_{n+1} = x_n - \varepsilon_n AF(x_n),$$

where ε_n are positive numbers, converges to this solution

for every initial approximation x_1 if

$$\frac{1}{2M_n \| A \|^2} \leq \varepsilon_n \leq \frac{1}{M_n \| A \|^2},$$

where $M_n = \max \left\{ 1, M(R_n) \right\}$, $R_n = \| x_n \| + \| A \| \cdot \| F(x_n) \| > 0$.

Theorem 2 treats the solution of (3) with the aid of (1) in
the case of a non-potential $F(x)$.
Theorem 3 and 4 contain estimations of the error for the
considered iteration.- The author mentions L.V.Kantorovich,
Yu.Lumiste, R.I.Kachurovskiy, and N.V.Kirpotina.
There are 10 references, 5 of which are Soviet, 4 American,
and 1 Chinese.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut im.N.K.Krupskoy
(Moscow District Pedagogical Institute im.N.K.Krupskaya)
PRESENTED: September 1, 1959, by S.L.Sobolev, Academician
SUBMITTED: August 28, 1959
Card 2/2

VAYNBERG, M.M.; SHRAGIN, I.V. (Moskva)

The Hammerstein operator in Orlicz spaces. Part 1. Izv.vys.ucheb.
zav.; mat. no.1:17-27 '65.   (MIRA 18:3)

VAYNBERG, M.M. (Moskva); SHRAGIN, I.V. (Msokva)

The Hammerstein operator in Orlicz spaces. Part 2: Topological methods.
Izv. vys. ucheb. zav.; mat no.3:32-37 '65.   (MIRA 18:7)

L 10298-66   EWT(d)   IJP(c)

ACC NR: AP5028267   SOURCE CODE: UR/0020/65/165/002/0255/0257

AUTHORS: Ayzengendler, P. G.; Vaynberg, M. M.

ORG: Moscow Regional Pedagogical Institute im. N. K. Krupska (Moskovskiy oblastnoy
pedagogicheskiy institut)

TITLE: Periodic solutions of nonautonomous systems

SOURCE: AN SSSR. Doklady, v. 165, no. 2, 1965, 255-257

TOPIC TAGS: differential equation, periodic solution

ABSTRACT: The authors consider

$$dx/dt = Ax + \lambda F(t, x, \lambda)$$

Using a technique they developed in a previous paper (DAN, 163, No. 3, 543, 1965) they
draw conclusions concerning the number and form of all periodic solutions of the
Poincare problem for nonautonomous systems with analytic right part. Necessary and
sufficient conditions are established for convergence of series obtained by the
Lyapunov method, showing as a corollary that not every formal periodic solution is
present. This paper was presented by academician G. I. Petrov on 28 June 1965. Orig.
art. has: 10 formulas.

SUB CODE: 12/ SUBM DATE: 25Jun65/ ORIG REF: 005/ OTH REF: 002

Card 1/1   UDC: 517.919

VAYNBERG, M.M.; TRENOGIN, V.A.

Liapunov's and Schmidt's methods in the theory of nonlinear
equations and their further development. Usp.mat.nauk 17
no.2:13-75 Mr-Ap '62.   (MIRA 15:12)
                    (Integral equations)

16,4400

35849
S/044/62/000/002/037/092
C111/C444

AUTHOR: Vaynberg, M. M.

TITLE: New theorems for non-linear operators and equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 2, 1962, 71,
              abstract 2B311. ("Uch. zap. Mosk. obl. ped. in-ta",
              1959, 77, 131-143)

TEXT: Considered are equations of the Hammerstein type

$$u(x) = \int_B K(x,y)G(u(y), y)\, dy$$

where, differing from numerous other papers, one does not demand of
the kernel $K(x,y)$ anything which would cause the compactness of the
operator

$$Av = \int_B K(x, y)\, v(y)\, dy \quad .$$

One states e. g.
Theorem 2.1: The following conditions be satisfied:

Card 1/2

New theorems for non-linear . . .

1.) The operator $Av = \int_B K(x,y)v(y)dy$ positive and selfadjoint in L^2 is a bounded operator from L^Q to L^p, $p \geqslant 2$.

2.) The function $g(u,x)$ monotonely decreasing with respect to u, satisfies the inequalities $|g(u, x)| \leq a(x) + b(u)F^{-1}$, where $a(x) \in L^Q$, $b > 0$, and $2 \int_0^u g(v,x)dv \leq a_1 u^2 + b_1(v)|u|^\alpha + c(x)$, where

$0 \leq a_1 \|A\|_2 < 1$, $0 < \alpha < 2$; $0 \leq b(x) \in L^\gamma$, $\gamma = \frac{2}{2-\alpha}$, $0 \leq c(x) \in L$.
Then the equation $u(x) = \int_B K(x,y)g(u(y), y) dx$ possesses at least one solution which belongs to the space L^p.

An analogous theorem is proved for an operator $\int_B K(x,y)v(y)dy$, quasilinear in L^2. In the last paragraph one investigates the existence of the eigenfunctions of the Hammerstein operator in the case of quasi definite kernels $K(x,y)$.

[Abstracter's note: Complete translation.]
Card 2/2

VAYNBERG, M.M.; VINOGRAD, R.E.; DEMIDOVICH, B.P.

Viktor Vladimirovich Nemytskii; on his 60th birthday.
Usp. mat. nauk 16 no.1:201-212 Ja-F '61.   (MIRA 14:6)
          (Nemytskii, Viktor Vladimirovich, 1900--)

S/199/61/002/002/002/004
B112/B229

AUTHOR: Vaynberg, M. M.

TITLE: Convergence of the method of steepest descent for non-
               linear equations

PERIODICAL: Sibirskiy matematicheskiy zhurnal, v. 2, no. 2, 1961, 201-220

TEXT: If $F(x)$ is a potential operator and $f(x)$ its potential $(F(x)$
$=$ grad. $f(x))$, the critical or extreme points of the functional $f(x)$
are solutions of the equation $F(x) = 0$. For the determination of the
minima of $f(x)$ the method of steepest descent can be applied. It consists
in an iterative process: $x_{n+1} = x_n - t_n F(x_n)$. Among others it was used
by L. V. Kantorovich and Yu. Lumiste. In the present work, the author
considers potential operators $F(x)$ from a Banach space E and examines the con-
vergence of the method of steepest descent in the form of the iterative
process: $x_{n+1} = x_n - \varepsilon_n A F(x_n)$, where A is a linear or nonlinear operator
from the Banach space E^* associated to E. He shows the convergence of
this iteration, at first for potential operators $F(x)$ and, after setting

Card 1/2

Convergence of the method of ...

S/199/61/002/002/002/004
B112/B229

up a new variational principle of the fixed point, also for more general operators $F(x)$. Among other things, the author proves the following theorems: If $F(x)$ is a differentiable potential operator, if $(F'(x)h, h)$ is not negative and satisfies certain additional conditions; if finally $(z, Az) \geqslant \|z\|^2$, $\|Az\| \leqslant a\|z\|$ and ε_n lies within certain bounds, the equation $F(x) = 0$ has exactly one solution x_o, and the process of iteration: $x_{n+1} = x_n - \varepsilon_n A \, F(x_n)$ converges toward x_o with any initial approximation x_1. If $Ux = \|x\|\mathrm{grad}.\|x\|$, $x \neq 0$, $U0 = 0$ (in this case U is "isometric:" $\|Ux\| = \|x\|$) and $(Uh, F(x + h) - F(x))$ satisfies certain conditions, the equation: $F(x) = 0$ has exactly one solution x_o. Finally, the author discusses some special cases where Lipschitz conditions play an important role for $F(x)$. There are 16 references: 10 Soviet-bloc and 6 non-Soviet-bloc.

SUBMITTED: May 3, 1960

Card 2/2

T6(T) 16, ∪/600

AUTHOR: Vaynberg, M.M.

67928

SOV/20-130-1-1/69

TITLE: On the Convergence of the Method of Steepest Descent for Nonlinear Equations

ABSTRACT: Let E be a Banach space and E^{*} the conjugate space; let (y,x) denote the value of the linear functional $y \in E^{*}$ on the vector $x \in E$.

Theorem 1: Let the potential operator $F(x)$ differentiable according to Gataux (compare /Ref 9_7) be defined and let it satisfy the condition

(4) $\|h\| \gamma(\|h\|) \leqslant (F'(x)h,h) \leqslant M(\|x\|)\|h\|^{2}$,

where $\gamma(t)$ is an increasing function, $\gamma(0) = 0$, $\lim_{t \to \infty} \gamma(t) = +\infty$,

and A is a linearly bounded operator of E^{*} with respect to E which satisfies the condition

(2) $(y,Ay) \geqslant \|y\|^{2}$, $y \in E^{*}$.

Then the equation

(3) $F(x) = 0$

has a unique solution in E. The process of iteration

Card 1/2

67928

On the Convergence of the Method of Steepest   SOV/20-130-1-1/69
Descent for Nonlinear Equations

(1) $x_{n+1} = x_n - \varepsilon_n A F(x_n)$,

where ε_n are positive numbers, converges to this solution

for every initial approximation x_1 if

$$\frac{1}{2M_n \|A\|^2} \leq \varepsilon_n \leq \frac{1}{M_n \|A\|^2} ,$$

where $M_n = \max\{1, M(R_n)\}$, $R_n = \|x_n\| + \|A\| \cdot \|F(x_n)\| > 0$.
Theorem 2 treats the solution of (3) with the aid of (1) in
the case of a non-potential $F(x)$.
Theorem 3 and 4 contain estimations of the error for the
considered iteration.- The author mentions L.V.Kantorovich,
Yu.Lumiste, R.I.Kachurovskiy, and N.V.Kirpotina.
There are 10 references, 5 of which are Soviet, 4 American,
and 1 Chinese.
ASSOCIATION:Moskovskiy oblastnoy pedagogicheskiy institut im.N.K.Krupskoy
           (Moscow District Pedagogical Institute im.N.K.Krupskaya)
PRESENTED: September 1, 1959, by S.L.Sobolev, Academician
SUBMITTED: August 28, 1959
Card 2/2

VAYNBERG, M.S., kand.tekhn.nauk

Evaluating economic factors in the selection of sites for
apartment houses. Gor.khoz.Mosk.   36   no.4:31-33 Ap '62.
(MIRA 15:8)

(Moscow--Apartment houses)   (Moscow--Building sites)

RUDERMAN, A.I., prof.; VAYNBERG, M.Sh.: MOSKACHEVA, K.A., doktor med. nauk,
        prof.; PERESLEGIN, I.A.; SVIRIDOV, N.K.; TIKHONOV, K.B., doktor
        med. nauk; KRINITSYN, V.D.

Book reviews. Vest. rent. i rad. 40 no.6:65-70 N-D '65.
                                                    (MIRA 19:1)

1. TSentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy
institut Ministerstva zdravookhraneniya SSSR, Leningrad (for Tikhonov,
Krinitsyn).

VAYNBERG, M.TS.; BRASLAVSKIY, I.M. [Braslavs'kyi, I.M.], doktor ekonom. nauk, otv. red.; SKRIPNIK, V.T., red.; ZELENKOVA, Ye.F., tekhn. red.

[New phase in the general crisis of capitalism] Novyi etap zahal'noi kryzy kapitalizmu. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.4: no.9)
(MIRA 14:11)

(Economic conditions)

VAYNBERG, M.Sh.

Therapeutic gamma-ray apparatus; aid for a general practitioner.
Vest.rent.i rad.   34 no.2:56-62 Mr-Ap '59.   (MIRA 13:4)

1. Iz dozimetricheskoy laboratorii (zav. - dotsent A.N. Krongauz)
Nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta
Ministerstva zdravookhraneniya RSFSR (dir. - dotsent I.G. Lagunova).
              (GAMMA RAYS, ther.use,
                  appar. (Rus))

VAYNBERG, M.Sh.; VERSHININ, N.V.

Control of the Cs^{137} preparation in the γ-apparatus GUTR-Cs-400.
Med.rad. 8 no.2:73-75 F'63
(MIRA 16:11)

1. Iz TSentral'nogo instituta usovershenstvovaniya vrachey i
Instituta gigiyeny truda i professional'nykh zabolevaniy
AMN SSSR.

VAYNBERG, M. Sh.

Removable seat for the rotational attachment to the stand
of the roentgen or gamma apparatus. Vest. rent. i rad. 28
no.2:55-57 Mr-Ap'63.   (MIRA 16:9)

1. Iz kafedry radiatsionnoy gigiyeny (zav. - prof. F.G.
Krotkov) TSentral'nogo instituta usovershenstvovaniya vrachey.
                (X-RAYS—EQUIPMENT AND SUPPLIES)
                (GAMMA RAYS—EQUIPMENT AND SUPPLIES)

RUDERMAN, Arkadiy Iosifovich; VAYNBERG, Mark Shmerkovich; SHAPIRO, I.M., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Physical principles of teletherapy using X-rays and gamma rays; static and moving irradiation] Fizicheskie osnovy distantsionnoi rentgeno- i gammaterapii; staticheskoe i podvizhnoe obluchenie. Moskva, Medgiz, 1961.   243 p.
(MIRA 15:1)

(X RAYS—THERAPEUTIC USE)
(GAMMA RAYS—THERAPEUTIC USE)

PHASE I BOOK EXPLOITATION   SOV/6062

Vaynberg, M. Sh., A. N. Krongauz, R. S. Mil'shteyn, V. I. Tryapitsin, and A. V. Frolova.

Praktikum po dozimetricheskim priboram dlya rentgenovskogo i yadernykh izlucheniy (Manual on Dosimetric Instruments for X-Ray and Atomic Radiation). Moscow, Medgiz, 1961. 182 p. 7000 copies printed.

Ed. (Title Page): A. N. Krongauz; Ed.: V. F. Smirnov; Tech. Ed.: N. I. Lyudkovskaya.

PURPOSE: This book is intended for physicians, medical students, and laboratory personnel working with radioactive substances.

COVERAGE: The book contains descriptions and technical characteristics of various dosimetric instruments produced in the USSR and used in medical practice. It also contains a series of practical exercises to be carried out in the study of nuclear physics and dosimetry in medical school. No personalities are mentioned. There

Card 1/5

Manual on Dosimetric (Cont.)   SOV/6062

    are 17 references, all Soviet.

TABLE OF CONTENTS:

Card 2/5

VAYNBERG, M.Sh.

Development of dosimetry in the U.S.S.R. [with summary in English].
Vest.rent. i rad. 32 no.5:35-40 S-O '57.   (MIRA 11:2)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta
rentgenologii i radiologii (dir. - dotsent I.G.Lagunova)
        (RADIOTHERAPY
            dosimetry, develop. in Russia (Rus))

VAYNBERG, M.Sh.; KRONGAUZ, A.N.; MIL'SHTEYN, R.S.; TRYAPITSIN, V.I.;
FROLOVA, A.V.; SMIRNOV, V.F., red.; LYUDKOVSKAYA, N.I., tekhn.
red.

[Practical work on dosimetric devices for roentgen and nuclear
radiation] Praktikum po dozimetricheskim priboram dlia rentgenov-
skogo i iadernykh izluchenii By M.Sh.Vainberg i dr. Moskva,
Medgiz, 1961. 188 p.   (MIRA 15:2)
                    (RADIATION—MEASUREMENT)

VAYNBERG, M.Sh.

Terminology used in gamma ray techniques. Standartizatsiia no.4:
73-74 Jl-Ag '56.   (MLRA 9:11)
            (Gamma rays--terminology)

VAYNBERG, M.Sh.

SUL'KIN, A.G.; VAYNBERG, M.Sh.

Gamma defect detectors. Nauka i zhizn' 24 no.3:54 Mr '57. (MLRA 10:5)

(Gamma rays--Industrial applications)

VAYNBERG, Mikhail Solomonovich, kand.tekhn.nauk. Prinimali uchastiye:
LOMOTIKOV, G.P., inzh.; VINOGRADOV, V.Ya.. SHCHEGLOV, K.A.,
red.; PAHCHENKO, M.F., red.izd-va; LELYUKHIN, A.A., tekhn.red.

[Planning of general schemes for city sanitation] Proektirovanie
general'nykh skhem sanitarnoi ochistki gorcdov. Moskva, Izd-vo
M-va kommun.khoz.RSFSR, 1960. 142 p.   (MIRA 13:7)
(Sanitary engineering)

VAYNBERG, M.Sh.

Introduction of the rad unit into the practice of medical radiology.
Med. rad. 5 no.10:9-13 '60.   (MIRA 14:2)
          (RADIATION—MEASUREMENT)

RUDERMAN, A.I.; VAINBERG, M.Sh. (Moskva)

Radiotherapy of deep-seated thoracic tumors with mobile irradiation
using the cesium gamma apparatus. Med. rad. 8 no.3:3-10 Mr '63.
                                      (MIRA 17:9)

VAYNBERG, M. Ye.   PA 7/49T44

USSR/Communications   Sep 48
     Telephone - Apparatus
     Efficiency, Industrial

"Workers of the Institute Are Helping Production,"
M. Ye. Vaynberg, Engr, $\frac{1}{4}$ p

"Vest Svyazi - Elektrosvyaz'" No 9 (102)

Odessa Electrotech Inst assists productive enter-
prises; helped to install automatic telephone ex-
change, gave lectures to workmen, and improved
existing apparatus.

                                        7/49T44

AUTHOR: Vaynberg, M.Ye., Member of the Association   107/108-13-7-13/14

TITLE: Scientific-Technical Conference at Odessa, Devoted to Radio-Day
               (Nauchno-tekhnicheskaya konferentsiya v Odesse, posvyashchénnaya
               Dnyu radio)

PERIODICAL: Radiotekhnika, 1958, Vol. 13, Nr 7, pp. 87-88 (USSR)

ABSTRACT: The conference was held from April 17 to April 26, 1958 at Odessa.
               It had been convened by the Odessa district committee of the
               Scientific-Technical Society for Radio Engineering and Electric
               Communications imeni A.S.Popov and by the Odessa Electrotechnical
               Institute for Telecommunication. During the plenary session Docent
               M.K.Khromykh spoke about "Problems of Radio Relay Communication".
               Engineer of the Odessa Cable Works B.V.Pesachenko in his report
               spoke about the development of the cable industry within the last
               10 years. Engineer of the Telephone- and Telegraph Office Odessa,
               S.M.Reytblat delivered a report on the most progressive methods
               employed in telegraphic correspondence. A.P.Bogachenko, Technical
               Engineer of the LTU, Odessa, spoke about "The Protection of Cables
               Against Electric Corrosion Within the Urban District of Odessa".
Card 1/3   Docent M.F.Kopp spoke about "Modernizing   the Equipment of the

Scientific-Technical Conference at Odessa,
Devoted to Radio-Day

SOV/ 108-13-7-13/14

ATS With a Machine System". Docent of the Chair for the Theory of
Electric Telecommunication A.S.Sadovskiy delivered a lecture at
one of the works in the city of Perm' on "Telephone Apparatus
TsB-ATS With Semiconductor Amplifiers". The conference carried
out its work in 4 sections; 17 sessions took place. A total number
of 69 lectures was delivered. Docent A.Yu.Ley spoke about the
"Problems of Increasing Efficacy When Using Telecommunication
Channels". Docent B.I.Yakhinson and Docent L.I.Yaroslavskiy
spoke about the new method of increasing efficacy when using chan-
nels by means of frequency-phase modulation. Docent A.F.Osadchenko
gave a report on the work carried out by the Chair for Radio
Broadcasting and Acoustics in connection with the theoretical and
experimental determination of the necessary absorption and the
measurements of sound-measuring studios. Docent M.O.Gliklikh
spoke about the elaboration of the principles of an apparatus for
counting letters used in connection with the automatization of
telegraphic connections (Chair for Television). - Docent
I.I.Shumlyanskiy and Docent L.P.Tsvetsova spoke about "Some Par-
ticular Features of Ultrashortwave Generators". V.N. Zakharov

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spoke about "The Selection of the Method for the Memory in the
Blocking Device of the Apparatus for the Automatic Control of
Amplification" and about "The Selection of the Memory Element
for the Blocking Device for the Automatic Control of Amplifica-
tion". O.S.Shilov spoke about the "Calculation of a Transposi-
tion Circuit in Coordinate-ATS".

ASSOCIATION: Vsesoyuzpoye nauchno-tekhnicheskoye obshchestvo radiotekhniki i
elektrosvyazi im. A.S. Popova (All-Union Scientific-technical
Association for Radio Engineering and Electrical Communications
im. A.S. Popov)

1. Communication systems--USSR

Card 3/3

S/108/60/015/010/008/008
B012/B060

AUTHOR: Vaynberg, M. Ye.

TITLE: Scientific-technical Conference at the Odessa Electrotechni-
              cal Institute of Communications

PERIODICAL: Radiotekhnika, 1960, Vol. 15, No. 10, pp. 79-80

TEXT: The Nauchno-tekhnicheskaya konferentsiya v Odesskom elektrotekhni-
cheskom institute svyazi (Scientific-technical Conference at the Odessa
Electrotechnical Institute of Communications) was held from April 12 to 22,
1960. The Conference had been convened by the Odesskoye oblastnoye
pravleniye NTORiE im. A. S. Popova (Odessa oblast' Board of NTORiE imeni
A. S. Popov) and the Odessa Electrotechnical Institute of Communications.
Docent A. F. Kucherov lectured on "The Realization of Lenin's Plan for
the Realization of Socialism in the USSR", Docent V. S. Davydov on
"V. I. Lenin and the Electrification of the USSR". A. I. Zil'berman,
Engineer at the Odesskaya mezhdugorodnaya telefonnaya stantsiya (Odessa
Interurban Telephone Station) spoke on "Semiautomatic Interurban Telephone
Station) spoke on "Semiautomatic Interurban Telephone Communications".

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Scientific-technical Conference at the Odessa   S/108/60/015/010/008/008
Electrotechnical Institute of Communications   B012/B060

F. S. Krasnov and D. V. Shafer delivered two lectures: "Duplex High-frequency Telephone Apparatus for Communications by Low Voltage and Power Current Networks", and "Mechanic's Post in High-frequency Communication? at Power Lines". L. M. Levak, Chief of the Odesskoye LTU (Odessa LTU) reported on prospects facing the development of communication means within a region for the benefit of agriculture and its importance in connection with the resolutions adopted at the December Plenary Session of the TsK KPSS. M. P. Polishchuk spoke on "Operational Experience Gained on Mechanisms Driven by Flexible Shafts and Ways of Their Introduction". V. D. Sluchanskiy (Odesskaya direktsiya radiotranslyatsionnoy seti (Odessa Management of the a-f Rediffusion Net)) lectured on the improve-ment of the broadcasting quality of re-diffusion stations and on the introduction of frequency-modulated ultrashortwave broadcasting. Yu. D. Gusarov, Chief Engineer of the Odesskiy oblastnoy radiotsentr (Odessa oblast' Broadcasting Center) described the results obtained from the observation of spurious radiations in the shortwave transmitter at the control station of the Odessa oblast' broadcasting center along with experimental investigations made toward the suppression of spurious radiations (conducted at the kafedra radioperedayushchikh ustroystv OEIS

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Scientific-technical Conference at the Odessa   S/108/60/015/010/008/008
Electrotechnical Institute of Communications   B012/B060

(Chair for Broadcasting Devices OEIS) and in the district broadcasting
center). V. Ya. Kondratskiy, A. I. Trest, Yu. D. Krasilov, G. Ye. Brutman,
and A. D. Shteyner reported on new developments and on the introduction
of new techniques. Docent M. F. Kopp reported on work done by the kafedra
telefonii OEIS (Chair of Telephone Communications OEIS) for the equipment
modernization at the mashinnaya ATS (Rotary (Switching) System). Docent
A. S. Sadovskiy spoke on "Telephone Apparatus of Increased Sensitivity".
Professor E. V. Zelyakh spoke about "The Methods of Setting up Equivalent
Circuits for the Input and Output Resistance of Amplifiers". Docent
Ye. A. Samoylenko offered a survey on new domestic and foreign telephone
apparatus. V. M. Zakharov described a method of housing amplifiers without
an automatic amplification control, ensuring the least noise power.
Docent A. Yu. Lev, Docent D. P. Mil'man, Scientific Collaborators
V. A. Breskin and A. Ye. Vil'ner spoke on the "Use of Delay Elements for
the Correction of Transients". Professor M. D. Khaskind spoke on theoreti-
cal problems of the meteoric propagation of radiowaves," and, in a second
lecture, on the electromagnetic field above the gyrotropic stratum and on
the diffraction of radiowaves in cylindrical meteor trails. Docent
B. I. Yakhinson reported on the diffraction of radiowaves in paraboloidal

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Scientific-technical Conference at the Odessa
Electrotechnical Institute of Communications   S/108/60/015/010/008/008
                                                      B012/B060

meteor trails. P. Ya. Nudel'man and V. I. Kuli reported on the solution
of the linear narrow-band correction of transients. I. M. Simontov
described results obtained from the generalized analysis of the automatic
amplification control system. I. L. Polyakov spoke about the stability
of the negative resistance in a compensation circuit. Professor A. A. Rizkin
lectured on "Some Circuits of Stable Two-cascade Semiconductor Amplifiers".
Docent A. P. Sorenzon, V. S. Kalabin, and M. D. Ruvinskiy spoke about the
"Objective Control of the Quality Characteristics of a Television Channel".
Docent I. I. Shumlyanskiy described a new method of separating single-band
signals. M. K. Khromykh, Candidate of Technical Sciences, spoke about the
utilization of the electrical adjustment of klystron emitters. Assistant
T. M. Krivitskaya described a method of reducing losses in amplifiers.
Docent V. S. Davydov spoke about "The Calculation of Stabilized Operation
With a Linear Electrical System With Variable Parameters". I. F. Smolyanets
spoke about the "Characteristics in the Calculation of a Triode Oscillator
With Overvoltage". O. I. Vostryakov, Scientific Collaborator, spoke about
the results obtained from the study of a polynomial filter with intermediate
frequency and electrical control of the transmission band. Twenty out of
the lectures delivered were recommended for the Vsesoyuznaya nauchnaya

Card 4/.

Scientific-technical Conference at the Odessa   S/108/60/015/010/008/008
Electrotechnical Institute of Communications   BO12/BO60

sessiya (All-Union Scientific Session), and twenty-seven for publication.

Card 5/5

VAYNBERG, M.Ye.

Enlarged plenum of the Scientific and Technical Society for
Radio and Electronics in the Odessa Province. Radiotekhnika
16 no.4:75-76 Ap '61.   (MIRA 14:9)
          (Odessa Province—Telecommunication—Congresses)

VAYNBERG, M.Ye.

All-Union conference held in Odessa dedicated to "Radio Day."
Radiotekhnika 16 no.9:78-80 S '61.   (MIRA 14:9)
                          (Radio—Congresses)

VAYNBERG, M.Ye.

Scientific and technical conference in Odessa devoted to "Radio Day." Radiotekhnika 17 no.9:78-80 S '62.   (MIRA 15:9)

(Radio--Congresses)

VAYNBERG, M.Ye.

Plenary Session of the A.S.Popov Branch of the Scientific and Technical Society for Radio and Electronics in Odessa. Radiotekhnika 18 no.7:79-80 Jl '63.
(MIRA 16:10)

VAYNBERG, M.Ye.

A scientific and technical conference held in Odessa. Radiotekhnika
19 no.3:78-80 Mr '64.
(MIRA 17:4)

L 53584-65
ACCESSION NR: AP5014303

_, _., Active member ; Vaynberg, M.Ye. (Active member)

SOURCE: Radiotekhnika, v. 1?, no. 11, 1964, 77-80

TOPIC TAGS: communication conference

Abstract: Summaries of all the reports given at the above mentioned conference, held 6-14 April 1964 in Odessa, are given. Over 400 science and engineering workers of the Odessa area took part, as well as representatives of plants and institutes in Kiev, Leningrad, Khar'kov, Novosibirsk, Minsk, L'vov and other cities. Reports are summarized on pages in the

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L 53584-65

ACCESSION NR: AP5016308

analysis of circuits, transmission lines, co-located underground cables
television, automatic commutation, radio wave propagation and antenna
theory.

ASSOCIATION: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektro-
svyazi (Scientific-Technical Society for Radio Engineering and Electrical
Communications)

SUBMITTED: 00   ENCL: 00   SUB CODE: EC

NO REF SOV: 000   OTHER: 000   JPRS

Card 2/2

VAYNBERG, M.Ye.; SHEREPA, V.F.

Twenty-first All-Union Scientific Session of the A.S.
Popov Society of Radio and Electronics. Radiotekhnika 20
no.11:75-79 N '65.   (MIRA 18:11)

L 25923-66

ACC NR: AP6016682	SOURCE CODE: UR/0108/65/020/011/0077/0078

53

B

AUTHOR: Vaynberg, M. Ye.; Sherepa, V. F.

ORG: none

TITLE: Scientific-engineering conference in Odessa commemorating the 70th anniversary of the invention of the radio

SOURCE: Radiotekhnika, v. 20, no. 11, 1965, 77-78

TOPIC TAGS: pattern recognition, circuit theory, TV equipment, electronic equipment, electronic conference, communication conference

ABSTRACT: The conference mentioned in the title was held from 24 to 29 May 1965 and was organized by the Odesskiy elektrotekh-nicheskiy institut svyazi (Odessa Electrotechnical Communications Institute) jointly with the Oblastnyy NTORiE /Nauchno-technicheskoye obshchestvo radiotekhniki i elektrosvyazi; Scientific-Engineering Association of Radioengineering and Electrical Communications/ im. A. S. Popov, the Oblast Board of the "Znaniye" Society, and the OEIS /Odesskiy elektrotekhnicheskiy institut svyazi; Odessa Electrotechnical Communications Institute/. The conference was attended by 500 scientific and engineering-technological workers from Odessa and guests from other localities. The article gives names and brief summaries of 35 of the 80 papers presented to the

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L 25923-66

ACC NR: AP6016682 O

various sections of the conference (television and pattern recog-
nition, radiotechnical and electronic devices, theory of electronic
circuits, signal transfer, automatic switching, and channels of
communications). [JPRS]

SUB CODE: 09, 17 / SUBM DATE: none

Card 2/2

VAYNBERG, N.L.; KAZAKOV, L.G.

      Work practices of the Kagul Regional Agrochemical Laboratory.
      Zemledelie 25 no.4:75-76 Ap '63.   (MIRA 16:5)
              (Kagul District—Soils—Analysis)

PALEY, A.Yu., kand.med.nauk.; VAYNBERG, N.S.

Clinical and X-ray characteristics of tuberculous bronchadenitis
in adolescents and adults. Probl.tub.   no.4:35-39 '61.
(MIRA 14:12)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta tuberku-
leza (dir. - dotsent N.M. Yanov) i kafedry tuberkuleza (zav. -
prof. B.Z. Bunina) Instituta usovershenstvovaniya vrachey (dir. -
dotsent I.I. ████████.
    (BRONCHI--RADIOGRAPHY)   (LYMPHATICS--TUBERCULOSIS)

VAYNBERG, N.S.; BRANT, A.L., kand.med.nauk

Changes in the bronchi in tuberculosis of the bronchial nodes in
young persons and adults. Vrach. delo no.4:51-54 Ap '61.
(MIRA 14:6)

1. Kafedra tuberkuleza (zav. - prof. B.Z.Bunina) Instituta
usovershenstvovaniya vrachey i TSentral'nyy protivotuberkuleznyy
dispanser G.Khar'kova.
(TUBERCULOSIS)

VAYNBERG, O.; Sliozberg, A.

A perfected method for the production of pepsin for medicinal purposes.
Myasnaya Ind. S.S.S.R. 21,No.3, 86-9 '50.   (MLRA 3:5)
(CA 47 no.18:9566 '53)

KOZ'MIN, Filipp Kuz'mich; VORONIN, L.N., gornyy inzh., retsenzent;
VAYNBERG, P.B., retsenzent; SMOLDYREV, A.Ye., red.; ISLENT'YEVA,
P.G., tekhn.red.

[Mine air ducts; design, arrangement and use] Rudnichnye vozdukhopro-
vody; raschet, ustroistvo i ekspluatatsiia. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po gornomu delu, 1959. 125 p.   (MIRA 12:12)
                   (Mine ventilation)

TIKHONOV, N.V., kandidat tekhnicheskikh nauk; VAYNBERG, P.V., redaktor;
    CHUPROVA, V.M., redaktor; VAYNSHTEYN, Ye.V., tekhnicheskiy redaktor.

[Scraper haulage in non ferrous mines] Skrepernaia dostavka na
rudnikakh tsvetnoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo
lit-ry po chernoi i tsvetnoi metallurgii, 1954. 158 p.(MLRA 8:1)
        (Scrapers) (Mine haulage)

V.

MIROSHENKO, Svyatoslav Stepanovich; GULEMIN, Nikolay Mikhaylovich; TIKHONOV,
N.V., kandidat tekhnicheskikh nauk, retsenzent; VORONIN, L.N.,
gornyy inzhener, retsenzent; VAYNBERG, P.V., gornyy inzhener, retsen-
zent; SMOLDYREV, A.Ye., redaktor; ATTOPOVICH, M.K., tekhnicheskiy
redaktor

[Operator of the PML loading machine; tekhtbook for industrial and
technical instruction of workers] Mashinist pogruzochnoi mashiny
PML; uchebnoe posobie dlia proizvodstvenno-tekhnicheskogo obucheniia
rabochikh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i
tsvetnoi metallurgii, 1957. 190 p.   (MIRA 10:10)
         (Mining machinery)

USSR/Human and Animal Morphology. Pathological Anatomy   S-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 92897

Author : Veynberg S.B.
Inst : Vitebsk Medical Institute
Title : Histological Studies of Excretion of Urea by the Gastro-Intestinal Tract in Renal Hypertension

Orig Pub : Sb. nauchn. tr. Vitebskoge med. in-ta, 1956, vyp. 6, 146-156

Abstract : Post-mortem material was studied from 15 patients who died from uremia due to renal hypertension. The Foss xanthydrol reaction was used for the detection of urea. In all cases dizanthyl urea crystals, proportionate to the residual nitrogen in the blood, were found in the mucosa of the gastro-intestinal tract (esophagus, stomach, small and large intestines). The crystals were chiefly amassed in the region of the pylorus and duodenum. In all cases there were focal hemorrhages and dystrophic changes of the mucosa in the gastro-intestinal tract and an inflammatory change characterized to a slight degree

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USSR/Human and Animal Morphology. Pathological Anatomy   S-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 92897

by lymphocytic and polymorphonuclear infiltration. These
were consistently demonstrated at the fundus and lesser
curvature of the stomach, and at the distal part of the ilium
and cecum. Dystrophic and inflammatory changes in the stomach
and intestine were accompanied by arterio-sclerosis and
hyalinization of the vessels, a spastic contraction of the
arterioles, focal hemorrhages and fibrinoid necrosis of the
vascular walls. Cells and fibers of the Auerbach and
Meissner plexus showed dystrophic and necrobiotic changes.
There were almost no dizanthyl urea cyrstals in areas of
necrobiotic and dystrophic changes. The author considers
that the uremic lesions of the mucosa were not caused by the
excretion of urea but were the result of a spasm and ar-
teriole necrosis of the vessels. Therefore the author re-
jects the existence of secretory gastritis. -- I.I. Fenekl'

Card   : 2/2

VAYNBERG, S.B. [deceased]; YUDIN, Yu.G.; ANTIPOV, B.V.

Leukemoid reactions in tumor-like diseases, Vop. klin. pat.
no.2:257-262 '61   (MIRA 16:12)

1. Iz patologomorfologicheskogo otdela (zav. - prof. S.B.
Vaynberg [deceased]) Moskovskogo oblastnogo nauchno-issledo-
vatel'skogo klinicheskogo instituta imeni Vladimirskogo.

1. BUNDEL', A.A.: VAYNBERG, V.I.: DOBROLYUBSKAYA, T.S.: ZOLINSKIY, V.V.: PEKERMAN, F.M.: SMIRNOVA, R.G.: TROFIMOV, A.K.: FRENKEL', S.P.

2. USSR (600)

4. Electric Lighting, Fluorescent

7. Development and study of luminophors based on phosphates for luminescent lamps. Izv. AN SSSR, Ser.fiz. 15 No. 6, 1951.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

L 06502-67   EWP(j)/EWT(m)   RM
ACC NR: AP7000475   SOURCE CODE: UR/0079/66/036/006/1075/1078

ORLOV, N. F., MILESHKEVICH, V. P., VAYNBURG, V. M., Leningrad Institute of the
Textile and Light Industry im. S. M. Kirov (Leningradskiy institut tekstil'noy
i legkoy promyshlennosti)
"Synthesis of Organosilicon Esters of Alpha- and Beta-Chloroalkyl(aryl)-
phosphinic Acids.   Interaction of Bis(trialkylsilyl)chloromethyl-
phosphinates with Sodium Triethylsilanolate"

Moscow, Zhurnal Obshchey Khimii, Vol 36, No 6, 1966, pp 1075-1078

Abstract: A method was developed for producing new bis(trialkylsilyl) esters
of chloromethyl-, beta-chloroethyl-, and alpha-chlorobenzylphosphinic acids.
They were synthesized by the reaction of dichlorides of the corresponding
chloroalkylphosphinic acids with trialkylacetoxysilanes under conditions of
continuous distillation of the acetylchloride formed. In the reaction of
sodium triethylsilanolate with bis(trialkylsilyl)chloromethylphosphinates,
hexaalkyldisiloxanes and sodium salts of trialkylsilyl esters of chloromethyl-
phosphinic acid were formed. The reaction mechanism deduced indicates a sub-
stantial sensitivity of the P-O-Si group to the action of nucleophilic agents.
Orig. art. has: 1 formula and 1 table. [JPRS: 37,023]

TOPIC TAGS: organosilicon compound, ester, organic synthetic process, phosphinic acid

SUB CODE: 07 / SUBM DATE: 06Feb65 / ORIG REF: 003 / OTH REF: 004

Card 1/1   547.419

NIKITIN, Petr Nikolayevich; VAYNBERG, Vera Vladimirovna; SHAMAROVA, T.A.,
redaktor; KUZ'MIN, G.N., tekhnicheskiy redaktor.

[Andrei Vasil'evich Pastukhov, military topographer and mountain
climber] Andrei Vasil'evich Pastukhov; voennyi topograf i al'pinist.
Moskva, Izd-vo geodezicheskoi lit-ry, 1956. 90 p.   (MIRA 9:6)
(Pastukhov, Andrei Vasil'evich, 1858-1899)

BOL'SHAKOV, Nikolay Nikolayevich; VAYNBERG, Vera Vladimirovna; NIKITIN,
Petr Nikolayevich; BOL'SHAKOV, N.N., red.; KOMAR'KOVA, L.M., red.
izd-va; ROMANOVA, V.V., tekhn.red.

[Iosif Ivanovich Khodz'ko; scientist and geodesist] Iosif Ivano-
vich Khodz'ko; uchenyi-geodezist. Moskva, Izd-vo geodez.lit-ry,
1960. 144 p.   (MIRA 13:9)
        (Khodz'ko, Iosif Ivanovich, 1800-1881)
             (Caucasus--Triangulation)

VAYNBERG, Ya.Yu, referent.

Air-conditioned factory laboratory; a paper [Stahl und Eisen no.26 '53] Abstracted by IA.IU.Vainberg. Zav.lab.21 no.11: 1394-1397 '55.   (MLRA 9:2)
(Chemical laboratories--Air conditioning)

VAYNBERG, Ye., inzh.

Housing construction in Moldavia. Zhil.stroi. no.2:20-22
F '60.   (MIRA 13:5)
        (Moldavia--Apartment houses)

VAYNBERG, David Veniaminovich; VAYNBERG, Yevgeniya Davidovna; REZNICHENKO,
 I., red.; IOAKIMIS, A., tekhn.red.

[Plates and disks; strength, stability, and vibrations] Plastiny,
diski, balki-stenki; prochnost', ustoichivost' i kolebaniia.
Kiev, Gos.izd-vo lit-ry po stroit. i arkhit.USSR, 1959. 1048 p.
                                                    (MIRA 13:2)

 (Elastic plates and shells)

VAYNBERG, Ye.G.;   PLOTNIKOVA, V.A.;   ROZENTUL, P.M.

Results of mass laboratory investigations into the transmission
of diphtheria bacillus in some Moldavian villages. Zdravookhranenie
4 no. 1:45-47 Ja-F '61.   (MIRA 14:2)

1. Iz Respublikanskoy sanitarno-epidemiologicheskoy stantsii
Moldavskoy SSR (glavnyy vrach - A.A. Kovalev).
                (MOLDAVIA--DIPHTHERIA)

PLOTNIKOVA, V.A.; VAYNBERG, Ye.G.; ROZENTUL, P.M.

Etiological structure of intestinal diseases in infants in Kishinev.
Lab. delo [7] no.4:60-61 Ap '61.   (MIRA 14:3)

1. Respublikanskaya sanitarno-epidemiologicheskaya stantsiya Moldavskoy
SSR (glavnyy vrach A.A.Kovalev).
                    (KISHINEV—INTESTINES—DISEASES)

VAYNBERG, Ye.G., vrach

> Accelerated method of the study of contaminated material
> in public restaurants. Gig. i san. 28 no.7:61 Jl '63.
> (MIRA 17:1)
>
> 1. Iz Respublikanskoy sanitarno-epidemiologicheskoy
> stantsii Kishineva.

GONTOVAYA, N. A.; VAYNBERG, Ye.G.; KATS, Ye.I.

Case of Breslau salmonellosis caused by the consumption of
lightly-salted brynza. Zhur. mikrobiol., epid. i imm. 41
no. 2:150 F '64.   (MIRA 17:9)

1. Respublikanskaya sanitarno-epidemiologicheskaya stantsiya
Moldavskoy SSR.

VAYNBERG, Yu.R.

Reduction of formal groups by a modulus of prime numbers.
Sib.mat.zhur.4 no.6:1263-1270 N-D '63.   (MIRA 17:9)

SHAFAREVICH, I.R.; AVERBUKH, B.G.; VAYNBERG, Yu.R.; ZHIZHCHENKO, A.B.;
    MANIN, Yu.I.; MOYSHEZON, B.G.; TYURINA, G.N.; TYURIN, A.N.;
    PETROVSKIY, I.G., akademik, otv. red.; NIKOL'SKIY, S.M., prof.,
    zamestitel' otv. red.

[Algebraic surfaces.] Algebraicheskie poverkhnosti. Moskva.
Nauka, 1965. 214 p. (Akademiia nauk SSSR. Matematicheskii
institut. Trudy, vol. 75)   (MIRA 18:5)

VAYNBERG, Z.S.

Problem of hydrocalycosis. Urologiia no.1:72-74 Ja-Mr '55.
(MLRA 8:10)

1. Iz urologicheskoy kliniki (zav.prof. I.M.Epshteyn) pri
kafedre fakul'tetskoy khirurgii (zav.zasluzhenyy deyatel'
nauki prof. N.N.Yelanskiy) I Moskovskogo ordena Lenina medi-
tsinskogo instituta.
        (HYDRONEPHROSIS,
            kidney pelvis)

VAYNBERG, Z.S.

Report on the activities of the Moscow Society of Urologists for the
year 1954. Urologiia no.2:87-89 Ap-Je '55.   (MLRA 8:10)
    (MOSCOW--UROLOGY--SOCIETIES)

VAYNBERG, Z.S.

Present state of the problem of so-called artificial kidney. Urologiia
no.4:68-76 O-D '55.   (MLRA 9:12)

1. Iz urologicheskoy kliniki (zav. prof. I.M.Epshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta.
      (KIDNEYS, artificial,
          review)

VAYNBERG, Z.S.

Report on the activities of the Moscow Society of Urologists in 1955.
Urologiia 21 no.2:81-83 Ap-Je '56.   (MLRA 9:12)
      (GENITOURINARY ORGANS--DISEASES)

VAYNBERG, Z.S.

Use of biomycin in urological practice. Urologiia 22 no.3:47-51
My-Je '57.   (MLRA 10:8)

1. Iz kafedry urologii (zav. - prof. I.M.Epshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta imeni Sechenova
          (UROGENITAL SYSTEM, dis.
               ther., chlortetracycline)
          (CHLORTETRACYCLINE, ther. use
               urogenital system dis.)

VAYNBERG, Z. S.: Master Med Sci (diss) -- "Fat substitution in the kidneys and other morphological changes in them in nephrolithiasis. Clinical-anatomical investigation". Moscow, 1958. 13 pp (First Moscow Order of Lenin Med Inst im I. M. Sechenov) (KL, No 4, 1959, 130)

VAYNBERG, Z.S.

Fatty degeneration of the kidney in nephrolithiasis. Urologiia
23 no.5:21-27 S-O '58   (MIRA 11:11)

1. Iz kafedry urlogii (zav. - prof. I.M. Epshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta imeni I.M. Sechenova I kafedry
urologii (zav. - prof. A.P. Frumkin) TSentral'nogo instituta
usovershenstvovaniya vrachey.
        (KIDNEYS, calculi
            causing fatty degen. of kidney (Rus))
        (KIDNEY DISEASES, pathogloy
            fatty degen. caused by nephrolithiasis (Rus))

VAYNBERG, Z.S. (Moskva, B. Devyatinskiy per., d. 3, kv. 31)

Renal adenosarcoma in an adult. Vop. onk. 5 no.1:120-121 '59.
(MIRA 12:3)

1. Iz Vitebskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach -
A. F. Kotovich) i kafedry patologicheskoy anatomii Meditsinskogo
instituta (zav. - prof. S.B. Vaynberg).
    (CARCINOSARCOMA, case reports,
        kidney (Rus))
    (KIDNEYS, neoplasms,
        carcinosarcoma (Rus))

VAYNBERG, Z.S.

Unsuccessful conservative treatment of tuberculosis of the external
genitalia. Urologiia 24 no.5:26-30 S-O '59.   (MIRA 12:12)

1. Iz kafedry urologii (zav. - prof. I.M. Epshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta im. I.M. Sechenova.
          (TUBERCULOSIS MALE GENITAL ther.)

VAYNBERG, Z.S., kand. med. nauk

Experimental urolithiasis; a review of literature. Sov. med. 27
no.2:110-113 F '64.   (MIRA 17:10)

1. Kafedra urologii (zav. - prof. I.M. Epshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta imeni Sechenova i 67-ya
klinicheskaya bol'nitsa (glavnyy vrach - P.S. Petrushko) Moskvy.

EPSHTEYN, I.M., prof.; VAYNBERG, Z.S., kand.med.nauk; TONGUR, A.M.,
kand.khim.nauk

Experimental nephrolithiasis in the light of electron microscopy
studies. Urol. i nefr. no.2:10-14 '65.   (MIRA 19:1)

1. Urologicheskaya klinika (zav.- prof. I.M.Epshteyn) I Moskov-
skogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

VAYNBERG, Z.S., kand. med. nauk

Data on experimental urolithiasis. Urologiia. 29 no.2:17-21 Mr-Ap
'64.
(MIRA 18:7)

1. Urologicheskaya klinika (zav. - prof. I.M.Epshteyn) i TSentral'naya
nauchno-issledovatel'skaya laboratoriya (zav. - kand. med. nauk A.S.
Chechulin) I Moskovskogo ordena Lenina meditsinskogo instituta imeni
Sechenova.

VAYNBERG, Z.S.; YAROSHINSKIY, Yu.N.

Carcinoma of the seminal vesicles; a case report. Urologiia. 10 no.8:117-119 '64.
(MIRA 18:3)

1. Iz urologicheskogo otdeleniya (zav. - kand.med.nauk Vaynberg Z.S.) i patologoanatomicheskogo otdeleniya (zav. - doktor Kaliteyevskiy P.F.) Klinicheskoy bol'nitsy No.67 (glavnyy vrach - Petrushko, P.S.), Moskva.

VAYNBERG, Z.S.

Development of fatty tissue in the kidney in nephroliathiasis
(fatty replacement of the kidney). Arkh. pat. 21 no.12:46-53 '59.
(MIRA 13:12)

(CALCULI, URINARY)

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Chemical Abstracts
May 25, 1954
Biological Chemistry

The influence of garlic antibiotics and synthetic mustard
oil on pyruvic acid dehydrogenase in nerve tissues. Z. B.
Veinberg (O. O. Bogomolets Med. Inst., Kiev.) Ukrain.
Biokhim. Zhur. 24, 65-8(1952)(Russian summary).—The
pyruvate dehydrogenase (I) used in these expts. was prepd.
from brain of guinea pigs. The activity of the enzyme was
measured according to Thunberg. Both garlic exts. and
mustard oil soins. inhibit the action of I. The thiol group
of the enzyme is the one affected in this inhibition; this was
proved by a series of expts. in the presence of cysteine (II).

singa Rao (Indian Council Med. Research, Connoor, S.
India). Nature 172, 1152-3(1953).—Analyses of amino
acids liberated by trypsin hydrolysis from casein in the

LAVROV, A.P.;VAYNBERG, Z.TS.;GOLIK, O.D.

Effect of the cerebral cortex on carbohydrate metabolism in the skin.
Vest. vener., Moskva no.3:3-5 May-June 1953.   (CIML 25:1)

1. Professor for Lavrov; Candidate Biological Sciences for Vaynberg.
2. Of the Biochemical Laboratory (Head -- Z. TS. Vaynberg), Kiev
Dermato-Venereal Institute (Director -- Prof. A. P. Lavrov).

VAYNBERG, Z. Ts.

USSR.

Biochem. Lab.

Determination of albumins and of α-, β-, and γ-globulins in blood serum. Z. Ts. Vaynberg (Derm.-Venereol. Inst., Kiev). *Ukrain. Biokhim. Zhur.* 26, 262-7(in Russian, 267-9)(1954). —Place 0.25 ml. of the blood serum in a centrifuge tube, add 0.25 ml. of 30% soln. of CCl₃COOH, shake, and centrifuge for 5 min. Pour off supernatant liquid. To the sediment add 2.5 ml. of 6.0% NaOH, 2.5 ml. H₂O, and 0.15 ml. of 20.0% CuSO₄. Break up formed clumps completely in not less than 10 min., and centrifuge. Compare supernatant liquid colorimetrically with standard serum soln. in which total protein N was detd. by the Kjeldahl method; such standard soln. can be kept at 2.0° for 2-3 weeks. The standard serum is treated similarly to tested serum and the usual colorimetric formula is used for the calcn. In the fractional pptn. of proteins use recrystd. H₂O-free Na₂SO₄. In each of 3 test tubes add 0.25 ml. of the tested serum, add to each one of the tubes 5 ml. resp., of 15.75, 19.0, and 27.2% solns. of the recrystd. Na₂SO₄. Shake lightly and allow to stand for 1 hr. in the 37° incubator. While it is still in the incubator, filter and place 0.25 ml. of each of the clear filtrates in a test tube and add to each tube 2.5 ml. of 6.0% NaOH soln. and 0.15 ml. of 20.0% CuSO₄ soln. Proceed as above described. Na₂SO₄ solns. of equilis. given ppt. the following protein fractions: 15.75%, albumin + α- and β-globulins (I); 19.0%, albumins + α-globulin (II); 27.2%, albumin (III); γ-globulin = total N — I; β-globulin = I — II; α-globulin = II — III. The method lacks the precision of electrophoresis but is sufficiently accurate for ordinary practical purposes.   H. S. Levine

VAYNBERG, Z. Is.

The effect of inhibition and stimulation of the central nervous system on the protein fractions of blood serum. Z.

with 55 [...]

9.24g, w [...] in the septn [...] the proteins [...]. albumin, and [...] ies were made of the total proteins [...]. albumin, and [...] γ-globulins. In narcotic sleep all the protein fractions [...] lowered. Stimulation of the central nervous system with phenamine resulted in increase of only the γ-globulins.

B. S. Levina

VAYNBERG, Z.TS., kand. biolog. nauk; OTT, V.D., kand.med. nauk

Electrophoresis of ordinary and soft-curdled cow milk (ionite).
Pediatriia 42 no.6:11-16 Je'63   ·   (MIRA 17:1)

1. Iz problemnoy laboratorii pitaniya detey rannego vozrasta
pri kafedre gospital'noy pediatrii Kiyevskogo meditsinskogo
instituta (nauchnyy rukovoditel' - chlen- korrespondent AMN
SSSR prof. Ye.N.Khokhol) imeni akademika A.A. Bogomol'tsa.

VASIL'YEV, Yu.K., kand.tekhn.nauk; PROKOF'YEV, Yu.A., kand.tekhn.nauk;
VAYNBERGER, G.Ya., inzh.

Stepping motors with active rotors. Elektrichestvo no.2:50-56
F '63.   (MIRA 16:5)

1. Institut avtomatiki Gosplana UkrSSR.
(Electric motors, Synchronous)

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AUTHOR: Vasil'yev, Yu. K.; Prokof'yev, Yu. A.; Vaynberger, G. Ya.

ORG: None

TITLE: Active-rotor step motors

SOURCE: International Federation of Automatic Control. International Congress. 2d, Basel, 1963. Tekhnicheskiye sredstva avtomatiki (Technical means of automation); trudy kongressa. Moscow, Izd-vo Nauka, 1965, 162-175

TOPIC TAGS: electric motor, step motor, motor design

ABSTRACT: This article examines two-rotor and two-stator step motors with axial distribution of sections (phases). These motors have fundamental advantages over motors with radial distribution of sections, including a smaller inertial moment and more divisions in the stator with an identical step cycle and, consequently, better utilization of the material of the machine. Approximate methods for the calculation of the static and frequency characteristics are investigated. These methods make it possible to determine the basic parameters of machine design. A calculation is performed to determine the minimum interval between the sequence of control pulses. The two-rotor step motor discussed is registered under Author's Certificate No. 131811, June 10 1959, by Yu. K. Vasil'yev. In order to determine the nature of the variation of flux as a function of the position of the rotor and the possibility of a more accurate calcula-

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ACC NR: AT6005904

tion of the magnetic circuit, a magnetic field in a gap was simulated on the EGDA integrator by Engineer Yu. I. Rybal'chenko. Orig. art. has: 1 table, 13 figures, and 11 formulas.

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Card 2/2   JS